

Abstract

The current invention provides novel methods for treating victims of cerebrovascular diseases such as stroke. The methods of the current invention rehabilitate weakened and atrophied muscles by applying electrical stimulation to the muscles. Preferably, the electric current cycles between on and off thereby at 10 second intervals thereby stimulating the muscle for 10 seconds and allowing the muscle to relax for 10 seconds. Treatment periods are preferably 15 minutes per day, five days per week. In general, treatments are performed over a 3 to 12 month period. Patients treated according to the disclosed methodology experience significant improvements in their overall quality of life.